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**United States Patent** [19][11] **Patent Number:** **5,096,423****Goldwasser**[45] **Date of Patent:** **Mar. 17, 1992**[54] **COMPUTER SYSTEM FOR TEACHING  
ABBREVIATIONS FOR TEXT AND DATA  
PROCESSING FUNCTIONS**[76] **Inventor:** **Eric P. Goldwasser**, 993 Barberry  
Rd., Yorktown Heights, N.Y. 10598[21] **Appl. No.:** **139,292**[22] **Filed:** **Dec. 29, 1987****Related U.S. Application Data**[63] Continuation-in-part of Ser. No. 807,750, Dec. 11,  
1985, abandoned, which is a continuation-in-part of  
Ser. No. 722,258, Sep. 3, 1985, abandoned.[51] **Int. Cl.<sup>5</sup>** ..... **G09B 19/00**[52] **U.S. Cl.** ..... **434/118**[58] **Field of Search** ..... 364/419; 400/63;  
434/118[56] **References Cited****U.S. PATENT DOCUMENTS**

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**OTHER PUBLICATIONS**Leyland G. Alkire, Jr., *Periodical Title Abbreviations by  
Title*, vol. 2, 1977.Leyland G. Alkire, Jr., *Periodical Title Abbreviations by  
Abbreviations* vol. 1, 1977.*Primary Examiner*—Edward M. Coven*Assistant Examiner*—Jessica J. Harrison[57] **ABSTRACT**

A teaching method is disclosed for computer systems that permit longer sequences of user actions such as keypresses or selection via pointing to be replaced by shorter sequences of user actions (abbreviations), which method shows the user the abbreviation by either highlighting the characters or sounding beeps or pronouncing the characters of the abbreviation whenever the user neglects to use the abbreviation. The method thus teaches the user the abbreviations while he/she is doing normal work.

**28 Claims, 11 Drawing Sheets**